

# ADAM HALL

## EDUCATION

UNIVERSITY	University of Michigan, Ann Arbor	Sept. 2019
DEGREE	PhD in Statistics	
HONORS	Recipient of the Rackham Merit Fellowship.	
UNIVERSITY	University of California, Irvine	Sept. 2011
DEGREE	Bachelor of Arts in Quantitative Economics	
DEGREE	Bachelor of Arts in Sociology (Honors)	
MINORS	Mathematics, Statistics, and Philosophy	

## EXPERIENCE

PhD Research	September 2015 — September 2019
Developed and implemented a method to estimate spatial price indices at low levels of aggregation, such as US counties, using Nielsen's retail scanner data.	
CSCAR Consultant	May 2018 — May 2019
Helped graduate students and faculty resolve statistical questions related to their research. Offered assistance with tasks such as designing studies and analyzing their results, conducting power analyses, dealing with dependent data, and using statistical software such as SPSS, R, and Python.	
Graduate Student Instructor	August 2013 — September 2019
Taught lab sections for introductory to intermediate statistics courses. Duties included lecturing about statistical tools and topics, explaining material in office hours, grading exams and homework assignments, writing questions for quizzes, and teaching R and SPSS.	
Bureau of Economic Analysis Intern	June 2015 — August 2015
Researched the process by which raw price quotes are aggregated to regional price parities. Wrote press releases, reviewed data before release, and used SAS to produce supplementary tables. Used SAS with data from the ACS Public Use Microdata Sample to estimate rents at the county level, and compared these to estimates obtained using internal Census data.	
Graduate Research	September 2014 — January 2015
Conducted research relating to visualization and smoothing over time series where some data may be missing non-randomly. Collaborated with Professor Richard Gonzalez using Git to write R scripts that use survey data and ggplot2 to generate visualizations for non-specialist audiences.	
Undergraduate Econometrics Research	April 2011 — June 2011
Wrote a study using data from publicly available sources to examine relationships between media penetration rates, corruption, and economic output. Cleaned the data using Microsoft Excel, and analyzed it with sets of linear regressions in R.	
Undergraduate Research Opportunities Fellow	September 2009 — June 2010
Conducted hour-long informational interviews with 16 leaders of 12 different organizations. Wrote a sociology thesis analyzing factors influencing the choice and effectiveness of fundraising methods. Presented findings to UC Irvine Sociology department, and at a UROP symposium.	

## SKILLS

<b>Computer Languages</b>	R, Python, SQL, SPSS, SAS, HTML, CSS
<b>Operating Systems</b>	Microsoft Windows, Mac OS X, Debian GNU/Linux
<b>Other Tools</b>	Word, Excel, Powerpoint, Git, L <sup>A</sup> T <sub>E</sub> X

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